

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 65084.000017 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/573898 DBA
INTERNATIONAL APPLICATION NO. PCT/EP2004/010985	INTERNATIONAL FILING DATE September 29, 2004	PRIORITY DATE CLAIMED September 30, 2003
TITLE OF INVENTION PLANTS WITH REDUCED ACTIVITY OF A CLASS 3 BRANCHING ENZYME		
APPLICANT(S) FOR DO/EO/US Claus FROHBERG		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included: <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input checked="" type="checkbox"/> An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A Preliminary Amendment. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information: 		
Copy of Application (including Specification (pages 1-74); Claims (pages 75-82); Abstract (page 83) and Figures 1-43); Submission of Sequence Listing.		

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.7)		INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																																																																																																																					
101573998		PCT/EP2004/010985	65084.000017																																																																																																																					
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>19. <input checked="" type="checkbox"/> Basic National Fee (37 CFR 1.492(a))</td> <td>\$ 300.00</td> <td>CALCULATIONS</td> <td>PTO USE</td> </tr> <tr> <td>20. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492(c))</td> <td>\$ 0.00</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="2">If the written opinion prepared by ISA/US or the International Preliminary Examination Report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="2">All other situations</td> <td></td> <td></td> </tr> <tr> <td>21. <input checked="" type="checkbox"/> Search Fee (37 CFR 1.492(b))</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2">If the written opinion of the ISA/US or the International Preliminary Examination Report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="2">Search Fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$ 100.00</td> <td>\$ 400.00</td> </tr> <tr> <td colspan="2">International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB</td> <td>\$ 400.00</td> <td></td> </tr> <tr> <td colspan="2">All other situations</td> <td>\$ 500.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 900.00</td> <td>\$ 900.00</td> <td></td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250.00 for each additional 50 sheets of paper or fraction </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td colspan="2">RATE</td> </tr> <tr> <td>- 100</td> <td>/50</td> <td></td> <td colspan="2">x \$250.00</td> </tr> <tr> <td colspan="5">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h))</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="2">RATE</td> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td></td> <td colspan="2">x \$ 50.00</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td></td> <td colspan="2">x \$200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td colspan="2">+ \$360.00</td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td colspan="2">\$ 900</td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees above are reduced by 1/2. </td> </tr> <tr> <td colspan="5">SUBTOTAL =</td> </tr> <tr> <td colspan="5">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> </tr> <tr> <td colspan="5">TOTAL NATIONAL FEE =</td> </tr> <tr> <td colspan="5">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="5">TOTAL FEES ENCLOSED =</td> </tr> </table>					19. <input checked="" type="checkbox"/> Basic National Fee (37 CFR 1.492(a))	\$ 300.00	CALCULATIONS	PTO USE	20. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492(c))	\$ 0.00	\$ 200.00		If the written opinion prepared by ISA/US or the International Preliminary Examination Report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$ 200.00		All other situations				21. <input checked="" type="checkbox"/> Search Fee (37 CFR 1.492(b))				If the written opinion of the ISA/US or the International Preliminary Examination Report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$ 0.00		Search Fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$ 100.00	\$ 400.00	International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB		\$ 400.00		All other situations		\$ 500.00		TOTAL OF ABOVE CALCULATIONS =		\$ 900.00	\$ 900.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250.00 for each additional 50 sheets of paper or fraction					Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		- 100	/50		x \$250.00		Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h))					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	- 20 =		x \$ 50.00		Independent claims	- 3 =		x \$200.00		MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00		TOTAL OF ABOVE CALCULATIONS =			\$ 900		<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees above are reduced by 1/2.					SUBTOTAL =					Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					TOTAL NATIONAL FEE =					Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					TOTAL FEES ENCLOSED =				
19. <input checked="" type="checkbox"/> Basic National Fee (37 CFR 1.492(a))	\$ 300.00	CALCULATIONS	PTO USE																																																																																																																					
20. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492(c))	\$ 0.00	\$ 200.00																																																																																																																						
If the written opinion prepared by ISA/US or the International Preliminary Examination Report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$ 200.00																																																																																																																						
All other situations																																																																																																																								
21. <input checked="" type="checkbox"/> Search Fee (37 CFR 1.492(b))																																																																																																																								
If the written opinion of the ISA/US or the International Preliminary Examination Report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$ 0.00																																																																																																																						
Search Fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$ 100.00	\$ 400.00																																																																																																																					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB		\$ 400.00																																																																																																																						
All other situations		\$ 500.00																																																																																																																						
TOTAL OF ABOVE CALCULATIONS =		\$ 900.00	\$ 900.00																																																																																																																					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250.00 for each additional 50 sheets of paper or fraction																																																																																																																								
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																																					
- 100	/50		x \$250.00																																																																																																																					
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h))																																																																																																																								
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																																																																																					
Total claims	- 20 =		x \$ 50.00																																																																																																																					
Independent claims	- 3 =		x \$200.00																																																																																																																					
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00																																																																																																																					
TOTAL OF ABOVE CALCULATIONS =			\$ 900																																																																																																																					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees above are reduced by 1/2.																																																																																																																								
SUBTOTAL =																																																																																																																								
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																																																																																																																								
TOTAL NATIONAL FEE =																																																																																																																								
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																																																																																																								
TOTAL FEES ENCLOSED =																																																																																																																								

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.7) 401573998 TBA		INTERNATIONAL APPLICATION NO. PCT/EP2004/010985	ATTORNEY'S DOCKET NUMBER 65084.000017
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$940.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge Deposit Account No. <u>50-0206</u> in the amount of <u>\$</u> to cover the above fees.</p> <p>A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0206</u> A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>			
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>			
<p>SEND ALL CORRESPONDENCE TO:</p> <p>CUSTOMER NO. 21967 Intellectual Property Department Hunton & Williams LLP 1900 K Street, N.W.; Suite 1200 Washington, DC 20006-1109 (202) 955-1500 (telephone) (202) 778-2201 (facsimile)</p>			
<p><u>Alexander H. Spiegler</u> SIGNATURE Robert M. Schulman; Alexander H. Spiegler NAME 31,196; 56,625 March 30, 2006 REGISTRATION NUMBER DATE</p>			